

Appl. No. 10/728,060
Amdt. Dated 06/09/2008
Reply to Office Action of January 8, 2008

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-52 (Cancelled)

53. (Currently Amended) A reusable filter for replacing a throw away filter for an internal combustion engine of the type having a filter cartridge, said reusable oil filter comprising,

a can like housing, said can like housing having a closed bottom and an inside surface with internal threads,

a filter cartridge, said filter cartridge having an upper cup like member and a lower cup like member and a pleated woven ~~metal~~-mesh stainless steel filter element, and

a cap, said cap having an internally threaded central hub and at least two oil distribution channels, each oil distribution channel being in the form of an annular arc segment, each oil distribution channel having an inlet and an outlet, each inlet positioned substantially over upper cup like member and said filter cartridge, each outlet positioned outside said upper cup like member and said filter cartridge, each oil distribution channel extending continuously downwardly and radially outwardly to distribute oil to said inside surface of said can like housing, said distribution channels collectively occupying most of a full annular area and distributed around the internally threaded central hub for connecting to an internal combustion engine, said cap threadably connected to said can like housing to clamp said filter cartridge between said cap and said closed bottom without a spring.

Claims 54-55 (Cancelled)

56. (Previously Presented) The reusable filter of claim 53 wherein said cap further includes a seal ring, said seal ring positioned outside said inlets.

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57. (Previously Presented) The reusable filter of claim 53 further comprising an O-ring seal between said cap and said upper cup like member.

58. (Previously Presented) The reusable filter of claim 53 further comprising an O-ring seal between said cap and said can like housing.

59. (Previously Presented) The reusable filter of claim 53 further comprising a raised center section on said closed bottom of said can like housing.

60. (Previously Presented) The reusable filter of claim 53 further including a bypass valve responsive to a predetermined pressure difference between an outer periphery and an inner periphery of the filter element to provide an oil flow path between the outer periphery and the inner periphery of the filter element when the pressure difference rises above the predetermined pressure difference.

61. (Previously Presented) The reusable filter of claim 53 further comprised of an internally and externally threaded insert fitting within an internally threaded central hub , whereby a specific reusable filter may be used on any of a plurality of engines having different oil filter mounts.

62. (Cancelled)

63. (New) A reusable filter for replacing a throw away filter for an internal combustion engine of the type having a filter cartridge, said reusable oil filter comprising,
a can like housing, said can like housing having a closed bottom and an inside surface with internal threads,
a filter cartridge, said filter cartridge having an upper cup like member and a lower cup like member and a pleated woven mesh stainless steel filter element;
a bypass valve responsive to a predetermined pressure difference between an outer periphery and an inner periphery of the filter element to provide an oil flow path between the

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outer periphery and the inner periphery of the filter element when the pressure difference rises above the predetermined pressure difference;

a cap, said cap having an internally threaded central hub and at least two oil distribution channels, each oil distribution channel being in the form of an annular arc segment, each oil distribution channel having an inlet and an outlet, each inlet positioned substantially over upper cup like member and said filter cartridge, each outlet positioned outside said upper cup like member and said filter cartridge, each oil distribution channel extending continuously downwardly and radially outwardly to distribute oil to said inside surface of said can like housing, said distribution channels collectively occupying most of a full annular area and distributed around the internally threaded central hub for connecting to an internal combustion engine, said cap threadably connected to said can like housing to clamp said filter cartridge and said bypass valve between said cap and said closed bottom without a spring;

a seal ring on said cap positioned outside said inlets;

an O-ring seal between said cap and said upper cup like member; and

an O-ring seal between said cap and said can like housing.